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Mole Street Journal

Chemistry and Biochemistry

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5-2009

## Mole Street Journal, May 2009

University of Arkansas, Fayetteville. Dept. of Chemistry and Biochemistry

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## The Mole Street Journal

Volume 8, Issue 5

### Honors Night 2009

The department awarded its annual awards at Honors Night April 23 at the UARK Ballroom on Dickson Street. Gerald's and Rick's Bakery catered the event. Junior and senior honors majors made poster presentations. Titles are available online.

American Chemical Society Awards - **Samuel Dunn**, **Lauren Hall**, **Hannah Henson** and **David Hopkins**

A. W. Cordes Teaching Awards - **Steven Gann**, **Chris Rugar** and **Chad Seevers**

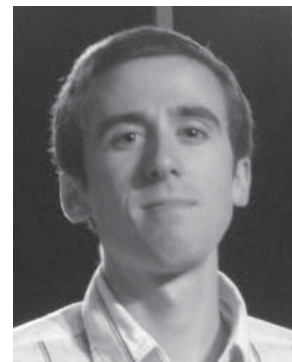
Barbara Wertheim Campbell Awards - **Whitney Gammill** and **Rachel Thomas**

Coulter Jones Awards - **Christopher Hall** and **Rodney LaGrone**

Frederick A. Kekulé Award - **Grant Meredith**

Jacob Sacks Chemistry Award - **Andrew Avery**

Kathy Noland Chemistry Award - **Ryan Shinabery**



Grant Meredith



Lauren Hall and Chris Hall



David Hopkins



Hannah Henson



Rodney LaGrone

### Graduate Student Defends



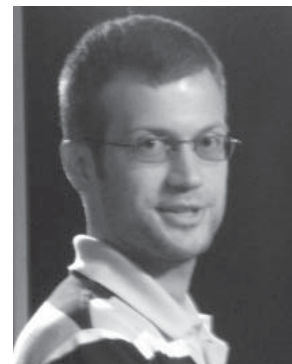
Stella Huff

**Estelle Huff** successfully defended her doctoral defense "Interactions of Polar and Charged Molecules with  $\pi$  - Electron Systems," under the direction of **Peter Pulay**. She received a Doctoral Academy Fellowship for four years.

Huff is a native Nebraskan and holds a bachelor of science from Concordia University. She plans to marry Craig Nuckels this summer.



Chris Rugar



Chad Seevers

## Faculty News

### On the Go

**Bob Gawley** will present "Catalytic Dynamic Thermodynamic Resolution: Is it Possible?," coauthored by **Tim Beng** and **Taher Yousaf**, at the 19th Lakeland Heterocyclic Symposium in Grasmere, Cumbria, May 7-11.

While abroad Gawley will also meet with potential Atlantis exchange students.

**Joshua Sakon** will attend the 2009 Bio International Convention in Atlanta May 18-21.

He will also attend the Yokosuka Science Festa 2009, 8th Pan-Pacific

Connective Tissue Societies Symposium, June 4-7, in Yokosuka, Japan.

**Ryan Tian** attended the 2009 Materials Research Society (MRS) meeting in San Francisco in April.

**Feng Chen** made a poster presentation "Multifunctional Biomembranes of  $\text{TiO}_2$ -Nanobelts."

**Charles Wilkins** attended the 7th North American FTMS Conference in Key West, Fla. in April.

**Sasa Miladinovic** was selected to make a presentation "Fragmentation of Random and Block Polyacrylate

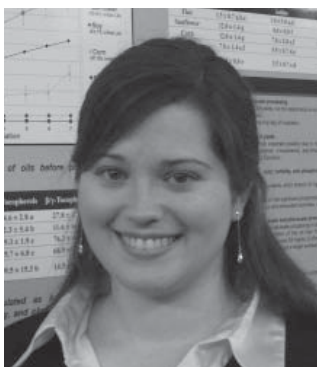
Copolymers by SORI-CID, Q-CID, and ECD FTMS," coauthored by Wilkins.

### Research News

The paper " $\text{Ca}^{2+}$  Induced Linker Transformation Leads to Compact and Rigid Collagen Binding Domain from *Clostridium Histolyticum*," by **Leena Philominathan**, **Joshua Sakon**, **Osamu Matsushita** and **Robert Gensure** will appear in the *FEBS Journal*.

## Student News

### Gammill Awarded Fellowship



Whitney Gammill

Senior **Whitney Gammill** was awarded a \$5,000 fellowship from Phi Kappa Phi. She is a Bodenhamer Fellow and previously was awarded a Goldwater Scholarship.

The fellowship, one of 60 awarded nationally each year, is for students who will be entering graduate school in the fall.

### Student Presentations



John Sherrill and Ryan Duncan

Senior **Ryan Duncan** received a certificate of participation and appreciation for her oral presentation "Binding Affinities of Wild Type Cdc42Hs and Mutant T35A Compared Through In-Vitro Binding Assays," at the Arkansas Louis Stokes Alliance for Minority Participation (ARK-LSAMP) conference Friday, April 24 at Philander Smith College in Little Rock.

**Serenthia McClelland** presented a poster "A Method for the Prevention of Thrombin-induced Degradation of Recombinant Proteins."

The ARK-LSAMP is funded by the NSF to increase the number of underrepresented groups completing degrees.

Graduate student **Steve Gann** will make an oral presentation "Oxygen Sensors: Enhanced Performance and Catalyst Testing," at the Senors and Sensor Application symposium at the 215th Electrochemical Society meeting, May 24 to 29, in San Francisco.



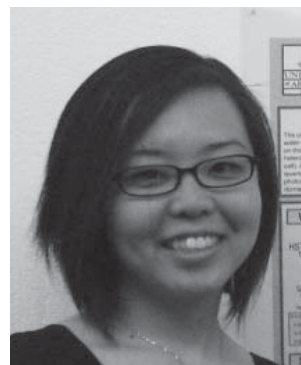
Steve Gann

### CEMB Student Award

Graduate student **Lakshmi Kannan** won the Doctoral Scholar Award by Dale Bumpers College of Agricultural, Food and Life Sciences for her work using mass spectrometry to search for bioactive peptides in poultry. Her research advisor is **Jack Lay**.

### ACS Student Affiliates Officers

The following were elected to officers for 2009-2010.



Kellie Ong



Hiroko Takeuchi

President - **Kellie Ong**  
Vice President - **Hiroko Takeuchi**  
Treasurer - **John Sherrill**  
Secretary - **Elizabeth Srader**

Graduate student advisor - **Steve Gann**



## Honors Night



Carter Calef



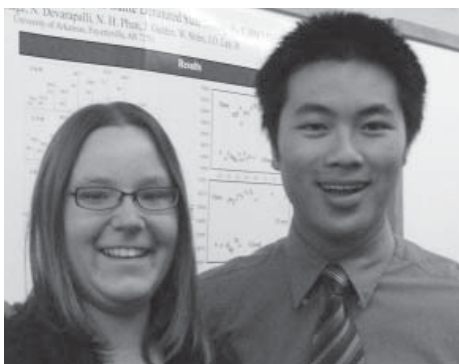
Chris Knapp



Laura Bradney, Geri Burkett and Katie Hamblin



Kaitlin Castleberry



Latisha Puckett and Andreas Chen



Tammy Binz and Lauren Edwards



Zach Manning and Andrew Avery



Christina Ragland



Jaime Nelson, Rachel Thomas and Elizabeth Srader



Natalie White and Miles Ritter

### May Safety Tip

If you want your e-mail to reliably convey your intention, avoid the use of the word "tomorrow" unless you qualify the date

### Family Addition

**Lorraine and Dennis Brewer** welcomed their third grandchild **Sarah Katherine**, born April 27. Sarah Kate was born to Marissa and Noel Henley and weighed 8 pounds and 5 ounces. She joins brothers Christopher, who is five and Will, who is three.



Sarah Kate

## Calendar of Events

### May

- 01..... Dead Day, no classes
- 01..... Final copies of master's thesis doctoral dissertations must be submitted to the Graduate School for students graduating in May
- 02-08 ..... Finals
- 09..... Commencement
- 18..... Meet the REU students reception
- 18..... Classes begin for summer session one
- 19..... Last day to register for summer session one
- 21..... Last day to drop a session one course without a "W"
- 25..... Memorial Day holiday, university closed

### June

- 15..... Last day to drop a session one course with a "W"
- 26..... Last day of session one classes
- 26..... Last day to officially withdraw from all session one courses
- 29..... Classes begin for summer session two
- 30..... Last day to drop a session two course without a "W"

### July

- 03..... Independence Day holiday, university closed
- 23..... REU research presentations
- 27..... Last day to drop a session two course with a "W"

### August

- 07..... Last day of session two courses
- 07..... Last day to officially withdraw from all session two courses.
- 19-28 ..... Open registration for fall 2009
- 24..... Fall classes begin
- 28..... Last day to register for a full semester course

## Meet the REU Students

Meet the incoming class of REU/INBRE summer students at a reception Monday, May 18 from 2:30 p.m. to 4:30 p.m. in CHEM 105.

## Float Trip

Frank Millett is organizing a float trip on the Buffalo River this month. Watch for details.

## U of A Closed for Memorial Day

The University of Arkansas will be CLOSED for Memorial Day, Monday, May 25.

## May Birthdays

- 05..... Jim Hinton
- 05..... Lothar Schafer
- 07..... Karuppanan Kathir
- 09..... Koteswara Ananthamurthy
- 12..... Abigail Hubbard
- 16..... Mark Turner
- 17..... David Clay
- 19..... Chad Seevers
- 23..... Jack Lay
- 24..... Dan Davis
- 29..... Anne Froyd-Rankenber
- 30..... Ryan Thurman

*The publishing of birthdays is not intended to invade the privacy of anyone. If you prefer not to be included, please let us know.*

## Library Hours

### Chemistry and Biochemistry

- Monday-Thursday ..... 8 a.m. to 9 p.m.
- Friday ..... 8 a.m. to 6 p.m.
- Saturday ..... CLOSED
- Sunday ..... 2 p.m. to 6 p.m.

#### Interim hours

- May 10 ..... CLOSED
- May 11-15 ..... 8 a.m. to 5 p.m.
- May 17 ..... CLOSED

#### Summer hours begin May 18

- Monday-Thursday ..... 8 a.m. to 6 p.m.
- Friday ..... 8 a.m. to 5 p.m.
- Saturday ..... CLOSED
- Sunday ..... CLOSED

#### Exceptions to summer hours

- May 25 ..... CLOSED
- July 3 ..... CLOSED

Fall hours begin August 24